

AMPERIT[®] 109

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|---------------------------------|---------------------------------------|
| Chemical Formula | Mo |
| Chemical Name | Molybdenum |
| Description of Product | Agglomerated Sintered |
| Particle Sizes Available | Product Designation |
| | AMPERIT [®] 109.063 75/45 µm |
| | AMPERIT [®] 109.066 53/15 µm |

Chemical Characteristics

(Mass fraction in % [cg/g]; ppm [µg/g])

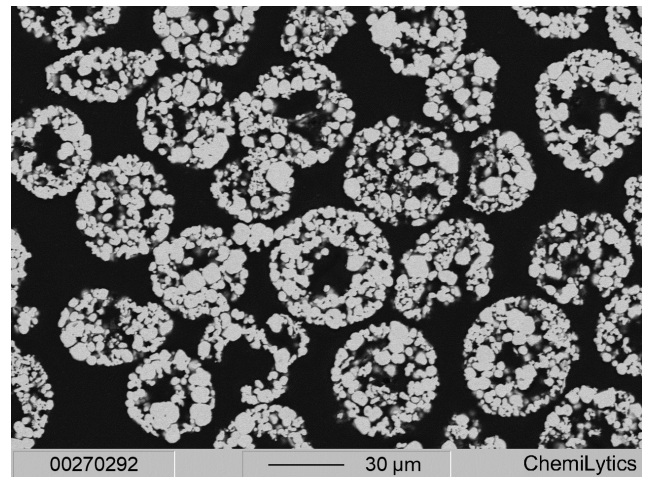
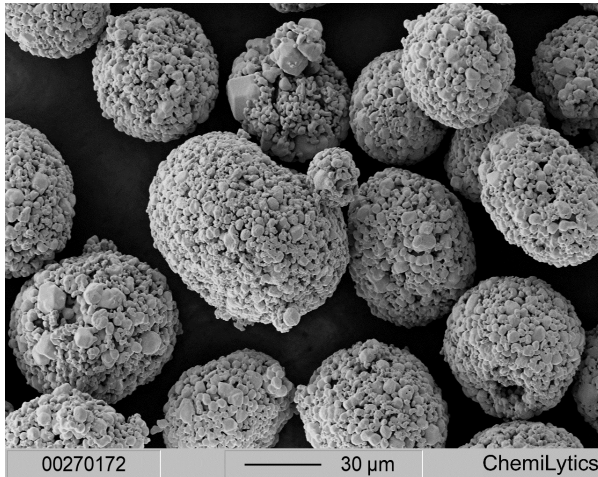
| | | |
|----|----------|---|
| C | 0.5 - 1 | % |
| O | max. 0.2 | % |
| Si | max. 0.1 | % |
| Fe | max. 0.1 | % |

Physical Characteristics

| | | |
|-------------------------------------|-----------------------------|-----------------------------|
| Particle Size Distribution | 109.063¹⁾ | 109.066²⁾ |
| + 75 µm | max. 5 | % |
| - 45 µm | max. 20 | % |
| - 88 µm | | 100 % |
| D 90 % | | 53 - 62 µm |
| D 50 % | | 33 - 40 µm |
| D 10 % | | 20 - 24 µm |
| Apparent Density acc. ASTM B 212 | 2.0 - 2.6 g/cm ³ | 2.4 - 3.0 g/cm ³ |

1) ROTAP Screening per ASTM B 214, 2) MICROTRAC by Laser Light Diffraction per ASTM C 1070.

SEM pictures³⁾



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| Packaging | Standard Packaging 5 kg in one 2.5 l PE bottle, 6 bottles (30 kg) in one cardboard box. |
| Storage and Handling | Storage and handling are subject to the rules and regulations in the country of use. |
| Hazards identification in Advertising (REGULATION (EC) No 1272/2008 Article 48) | None. |
| Documentation | An inspection document in accordance with EN 10204 is supplied with every shipment. |
| Remarks | Always mix well before using. |

Höganäs Germany GmbH

Im Schleeke 78-91
38642 Goslar/Germany

Säckinger Straße 51
79725 Laufenburg/Germany

Phone +49 5321 751-53753

<https://www.hoganas.com/en/contact/>

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